

Memorandum

To: CHAIR AND COMMISSIONERS
CALIFORNIA TRANSPORTATION COMMISSION

CTC Meeting: September 26-27, 2012

Reference No.: 2.5e.(2)
Action Item

From: NORMA ORTEGA
Chief Financial Officer

Prepared by: Rachel Falsetti
Division Chief
Transportation Programming

Subject: **ALLOCATION FOR SUPPLEMENTAL FUNDS FOR PREVIOUSLY VOTED PROJECT
RESOLUTION FA-12-10**

RECOMMENDATION:

The California Department of Transportation (Department) recommends that the California Transportation Commission (Commission) allocate an additional \$340,000 for one State Highway Operation and Protection Program (SHOPP) project identified below.

ISSUE:

Additional funds are needed for one previously approved project in order to award the construction contract.

RESOLUTION:

Resolved, that \$340,000 be allocated from the Budget Act of 2012, Budget Act Item 2660-302-0042 to provide additional funds to allow the following project to be awarded.

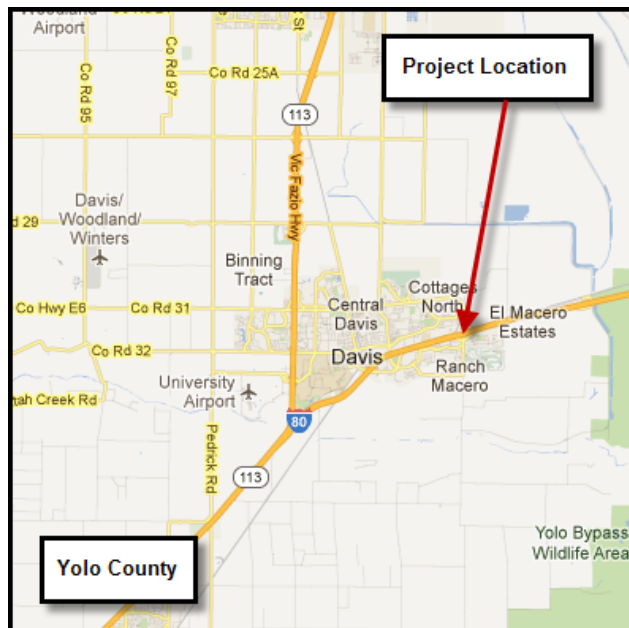
<u>Project</u>	<u>Dist-Co-Rte</u>	Original Allocated <u>Amount</u>	Current <u>Allocation</u>	<u>Allocation</u> <u>Adjustment</u>	<u>Revised</u> <u>Allocation</u>	% Increase Above Current <u>Allocation</u>
1	03-Yol-80	\$950,000	\$ 995,000	\$340,000	\$1,335,000	34.2%

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Project # Allocation Amount Recipient RTPA/CTC Dist-Co-Rte Postmile	Project Title Location Project Description	PPNO Program Funding Year Item # Fund Type Program Codes Project ID Adv Phase EA	State Federal Current Amount by Fund Type	State Federal Additional Amount by Fund Type	State Federal Revised Amount by Fund Type
2.5e.(2) Supplemental Funds for Previously Voted Projects			Resolution FA-12-10		
1 \$340,000 Department of Transportation Yolo 03-Yol-80 2.5/2.9	In Davis, at Mace Boulevard. <u>Outcome/Output:</u> Reconstruct the embankment, sidewalk and bike path at one location to stabilize the slope damaged by heavy rainstorm. Supplemental Funds needed to award the construction contract. Total Revised Amount: \$1,335,000	03-8912 SHOPP 2011-12 302-0042 SHA 20.20.201.131 0300020742 4 2F7004	\$995,000	\$340,000	\$1,335,000

PROJECT LOCATION:



PROJECT DESCRIPTION:

This project is located in Yolo County in Davis, at Mace Boulevard and will restore the failed slope embankment between the freeway ramps and the adjacent Class 1 bikeway. This project will build concrete crib walls, reconstruct the embankment, apply erosion control to the slope, repair the damaged electrical systems, repair the damaged irrigation system and reconstruct the bike ramp. The damage is due to the failed slope embankment caused by heavy rainfall in March of 2011.

FUNDING STATUS:

The project was programmed in the 2010 State Highway Operations Protection Program (SHOPP) for \$950,000 for construction in Fiscal Year (FY) 2011-12 and was voted for \$950,000 in May 2012. Bids for this project were opened on July 24, 2012. Two bids were received for this project. The amount needed to award the contract, based on the lowest bid amount, is \$1,243,999. This request for \$340,000 in supplemental funds results in an overall increase of 34.2 percent over the original vote amount. This contract will be awarded upon approval of this supplemental funds request.

REASONS FOR COST INCREASE:

The Department performed a bid analysis to evaluate the differences between the engineer's estimate and the contract bid items. Two items have significant cost differences, excavation and irrigation system repairs.

BID ITEM	ENGINEER'S ESTIMATE	LOW BID	INCREASE
Roadway Excavation and Structure Excavation items	\$ 46,650	\$ 334,200	\$ 287,550
Irrigation System	7,500	28,500	21,000
Miscellaneous Adjustments/Contingencies			31,450
TOTAL INCREASE			<u>\$ 340,000</u>

Although the contract plans included quantities for temporary shoring, the Department erred and did not include a bid item for temporary shoring in the estimate. The low bidder's price for the temporary shoring is included in the structure excavation bid item.

The repair to the irrigation system is the other item with a significant cost difference. The estimate did not take into account the specialty nature of the irrigation work when developing the estimate.

These conditions are the primary contributors to the discrepancy between the Engineer's Estimate and the low bid. An additional \$340,000 in supplemental funds is needed in order to award this project to the low bidder.

FUNDING OPTIONS:

OPTION A: Approve this request as presented above for \$340,000 to allow this project to be awarded.

OPTION B: Deny this request and direct the Department to down scope the project to remain within the allocated amount. The Department considered this option and determined that reducing the scope of work on this project, and executing another project to complete the deleted work later would result in greater costs and more disruption to the traveling public.

RECOMMENDED OPTION:

The Department recommends that this request of \$340,000, as presented in Option A above, be approved to award the project to the low bidder.